

JC18 Rec'd PCT/PTO 15 JUL 2005

612.45186X00

10/542490

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Benoit NOETINGER et al.  
Serial No.: Not Yet Assigned  
Filed: July 15, 2005  
For: METHOD FOR DETERMINING ZONES IN A STRATIFIED  
MEDIUM WHERE THE INTERFACE BETWEEN A FLUID  
IN PLACE IN THE MEDIUM AND A FLUSHING FLUID  
MOVES IN A STATIONARY MANNER

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 15, 2005

Sir:

In the matter of the above-identified application, applicant(s) are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

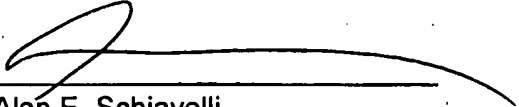
Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

JC18 Rec'd PCT/PTO 15 JUL 2005  
10/542490

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (612.45186X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

  
\_\_\_\_\_  
Alan E. Schiavelli  
Registration No. 32,087  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

AES/dc  
Attachments  
(703) 312-6600

JC18 Rec'd PCT/PTO 15 JUL 2005

PTO/SB/08B (04-03)

Approved for use through 10/31/2002. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

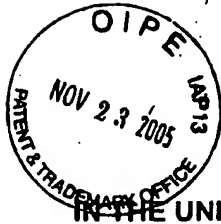
Substitute for form 1449/PTO		<b>10/542490</b> <i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	
		Filing Date	July 15, 2005
		First Named Inventor	Benoit NOETINGER et al.
		Group Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	612.45186X00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>MA</i>		SHELDON et al.: "The Motion of an Interface Between Two Fluids in a Slightly Dipping Porous Medium", SPE, Society of Petroleum Engineers Inc., 1962, pages 275-282, XP002261168 pages 275 - page 280.	✓
<i>MA</i>		GLIMM J. et al.: "Front Tracking for Petroleum Reservoir Simulation" SPE, Society of Petroleum Engineers Inc., 1983, pages 41-49, XP002261169.	
<i>MA</i>		YORTSOS: "Analytical Studies for Processes at Vertical Equilibrium" SPE, Society of Petroleum Engineers Inc., 1992, pages 1-14, XP002261170, page 1 - page 12.	
<i>MA</i>		DARMAN et al.: "Upscaling Immiscible Gas Displacements: Quantitative Use of Fine Grid Flow Data in Grid Coarsening Schemes" SPE, Society of Petroleum Engineers Inc., 2000, pages 1-14, XP002262271, page 1 - page 14.	✓

Examiner Signature	<i>A. Jones</i>	Date Considered	3/30/07
--------------------	-----------------	-----------------	---------

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 Applicant's unique citation designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2



IAP4 Rec'd PCT/PTO 23 NOV 2005

612.45186X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Benoit NOETINGER et al.  
Serial No.: 10/542,490  
Filed: July 15, 2005  
For: METHOD FOR DETERMINING ZONES IN A STRATIFIED  
MEDIUM WHERE THE INTERFACE BETWEEN A FLUID  
IN PLACE IN THE MEDIUM AND A FLUSHING FLUID  
MOVES IN A STATIONARY MANNER  
Art Unit: To be assigned  
Examiner: To be assigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Mail Stop: DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

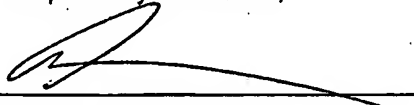
November 23, 2005

Sir:

In the matter of the above-identified application, applicants are submitting  
herewith an English language translation of the Written Opinion of the International  
Searching Authority listed in the attached form equivalent to Form PTO-1449 for the  
Examiner's consideration.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (612.45186X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Alan E. Schiavelli', is written over a horizontal line.

Alan E. Schiavelli  
Registration No. 32,087  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

AES/at  
Attachments  
(703) 312-6600

Application Number	10/542,490
Filing Date	July 15, 2005
First Named Inventor	Benoit Noetinger
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	45186X00

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	3/30/07
-----------------------	--------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2**